

Data Path : P:\HPCHEM1\ECD\_L\Data\PL012618\  
 Data File : PL032527.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 26 Jan 2018 23:11  
 Operator : UA\AJ  
 Sample : J1196-17DL 20X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 1017DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 27 04:32:24 2018  
 Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 27 04:03:48 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|-----------|
| -----                       |                 |        |       |          |          |         |           |
| System Monitoring Compounds |                 |        |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.408  | 3.991 | 9720230  | 2134656  | 1.087   | 1.705 #   |
| 28)                         | SA Decachlor... | 8.110  | 9.019 | 17209496 | 1643510  | 1.479   | 0.864 #   |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.845  | 4.371 | 379.6E6  | 61739039 | 26.975  | 26.654    |
| 3)                          | MA gamma-BHC... | 4.125  | 4.652 | 1323.3E6 | 240.0E6  | 102.487 | 111.723   |
| 4)                          | MA Heptachlor   | 4.414  | 5.166 | 477.9E6  | 76042576 | 36.100  | 36.423    |
| 5)                          | MB Aldrin       | 4.656  | 5.468 | 132.1E6  | 22027083 | 10.279  | 10.519    |
| 6)                          | B beta-BHC      | 4.376  | 4.812 | 239.9E6  | 40813904 | 42.007  | 42.764    |
| 7)                          | B delta-BHC     | 0.000  | 5.027 | 0        | 791289   | N.D.    | 0.356 #   |
| 8)                          | B Heptachlo...  | 5.097  | 5.848 | 297.2E6  | 49691125 | 25.107  | 27.793    |
| 9)                          | A Endosulfan I  | 5.430  | 6.202 | 346.0E6  | 55571836 | 30.314  | 30.798    |
| 10)                         | B gamma-Chl...  | 5.319  | 6.082 | 618.3E6  | 96876495 | 47.903  | 49.685    |
| 11)                         | B alpha-Chl...  | 5.377  | 6.155 | 108.6E6  | 17242145 | 8.729   | 9.097     |
| 12)                         | B 4,4'-DDE      | 5.544  | 6.311 | 478.5E6  | 76825806 | 37.659  | 40.285    |
| 13)                         | MA Dieldrin     | 5.670  | 6.455 | 290.6E6  | 45070475 | 22.700  | 23.584    |
| 14)                         | MA Endrin       | 5.927  | 6.669 | 664.7E6  | 102.4E6  | 56.918  | 60.727    |
| 15)                         | B Endosulfa...  | 6.135f | 0.000 | 37279708 | 0        | 3.177   | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.057  | 6.791 | 335.6E6  | 45916825 | 31.895  | 32.195    |
| 17)                         | MA 4,4'-DDT     | 6.293  | 7.091 | 169.2E6  | 22235216 | 16.002  | 16.675    |
| 18)                         | B Endrin al...  | 6.369  | 6.994 | 33713834 | 6235845  | 3.414   | 4.211     |
| 19)                         | B Endosulfa...  | 6.579  | 7.216 | 260.3E6  | 36757452 | 23.499  | 22.791    |
| 20)                         | A Methoxychlor  | 6.841  | 7.547 | 420.2E6  | 61351060 | 72.320  | 75.268    |
| 21)                         | B Endrin ke...  | 7.066  | 7.679 | 624.0E6  | 89014130 | 49.815  | 49.289    |
| 23)                         | Chlordane-1     | 0.000  | 5.027 | 0        | 791289   | N.D.    | 10.233 #  |
| 24)                         | Chlordane-2     | 4.414  | 5.166 | 477.9E6  | 76042576 | 778.242 | 648.001   |
| 25)                         | Chlordane-3     | 5.319  | 6.082 | 618.3E6  | 96876495 | 414.207 | 351.527   |
| 26)                         | Chlordane-4     | 5.377  | 6.155 | 108.6E6  | 17242145 | 84.433  | 52.775 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.994 | 0        | 6235845  | N.D.    | 103.473 # |
| -----                       |                 |        |       |          |          |         |           |

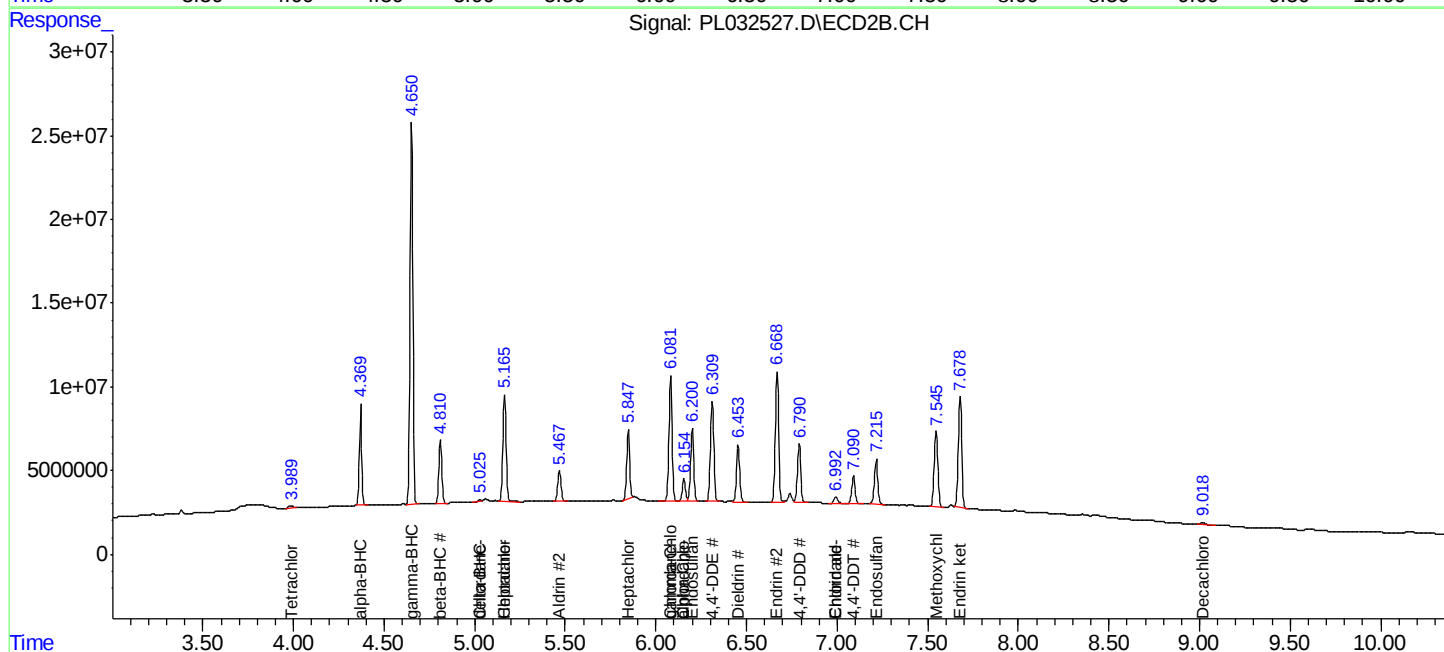
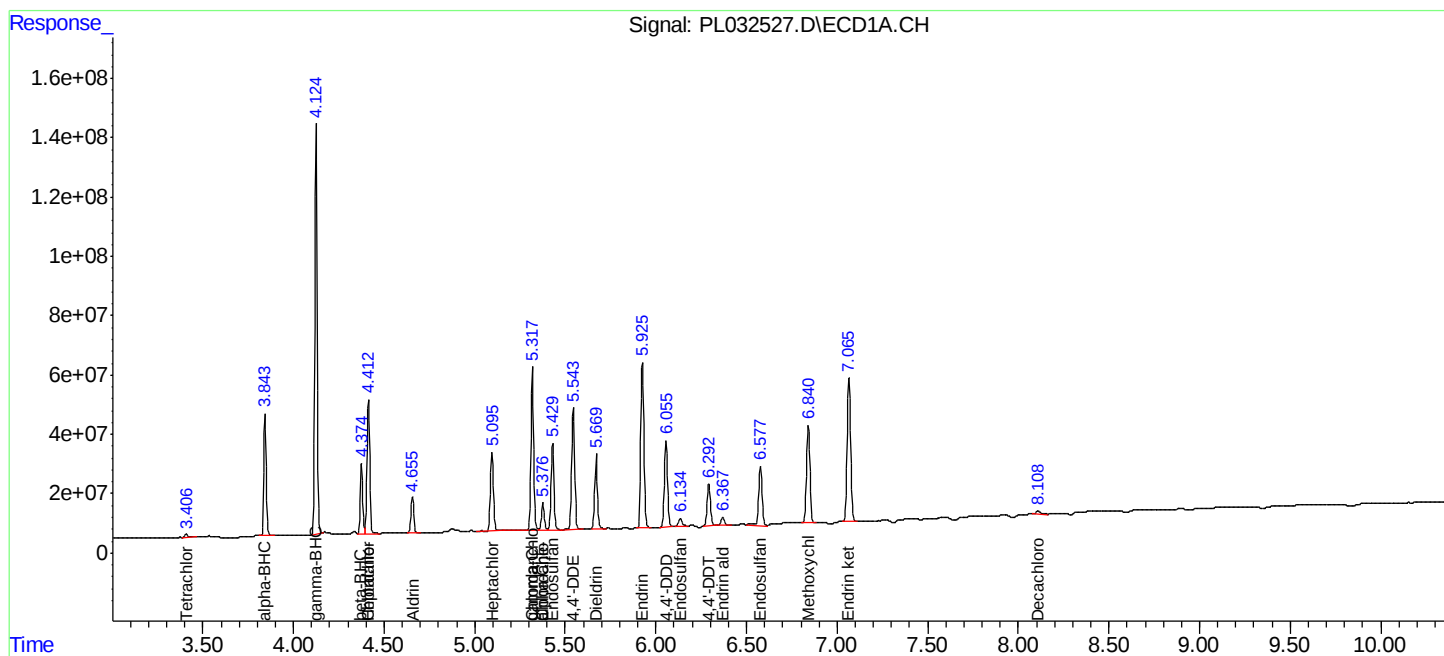
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

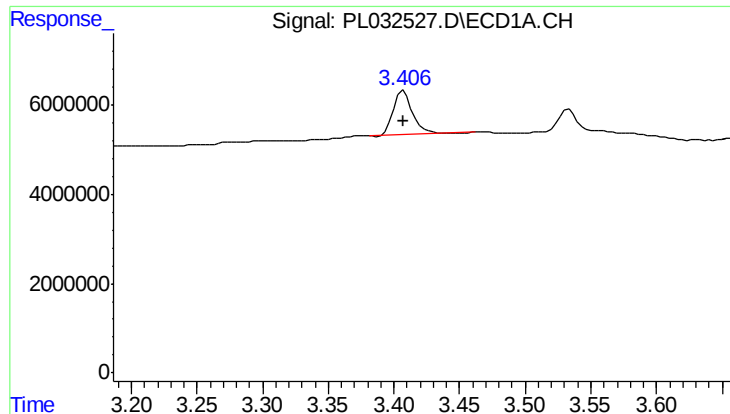
Data Path : P:\HPCHEM1\ECD\_L\Data\PL012618\  
Data File : PL032527.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 26 Jan 2018 23:11  
Operator : UA\AJ  
Sample : J1196-17DL 20X  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 27 04:32:24 2018  
Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 27 04:03:48 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

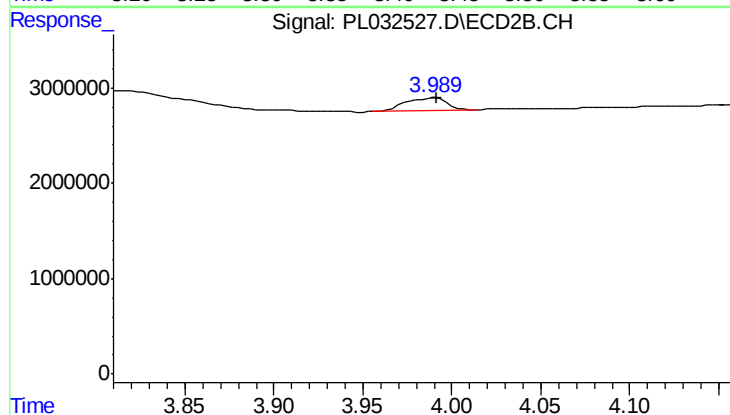




#1 Tetrachloro-m-xylene

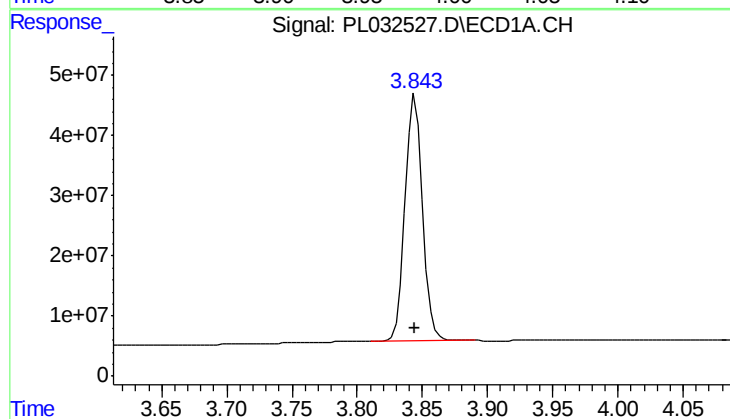
R.T.: 3.408 min  
Delta R.T.: 0.000 min  
Response: 9720230  
Conc: 1.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



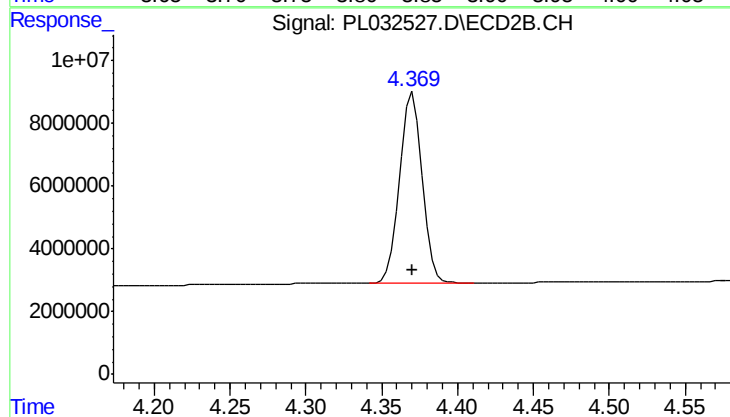
#1 Tetrachloro-m-xylene

R.T.: 3.991 min  
Delta R.T.: 0.000 min  
Response: 2134656  
Conc: 1.70 ng/ml



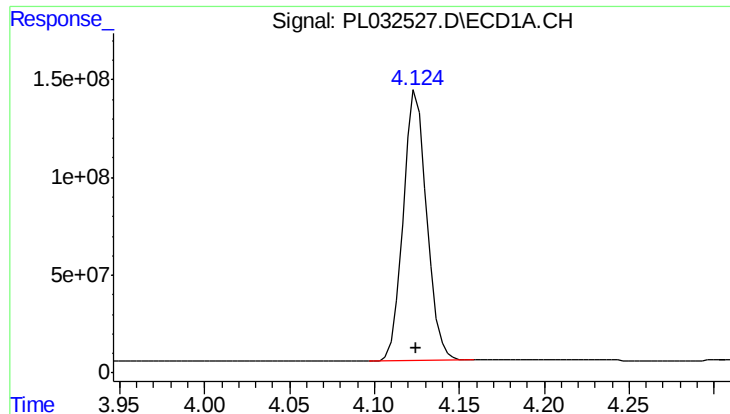
#2 alpha-BHC

R.T.: 3.845 min  
Delta R.T.: 0.000 min  
Response: 379555041  
Conc: 26.98 ng/ml



#2 alpha-BHC

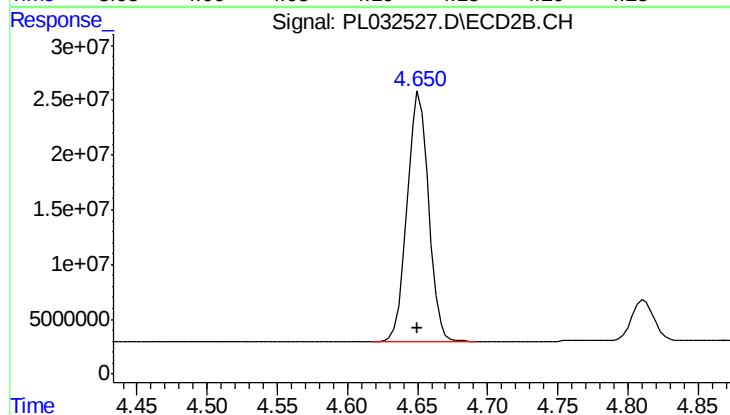
R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 61739039  
Conc: 26.65 ng/ml



#3 gamma-BHC (Lindane)

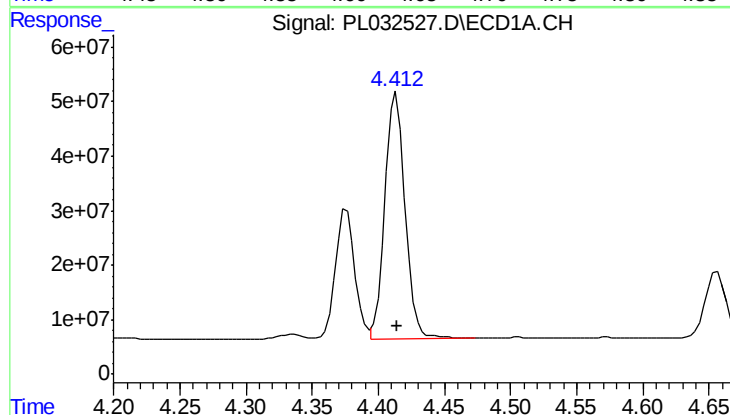
R.T.: 4.125 min  
Delta R.T.: 0.000 min  
Response: 1323302019  
Conc: 102.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



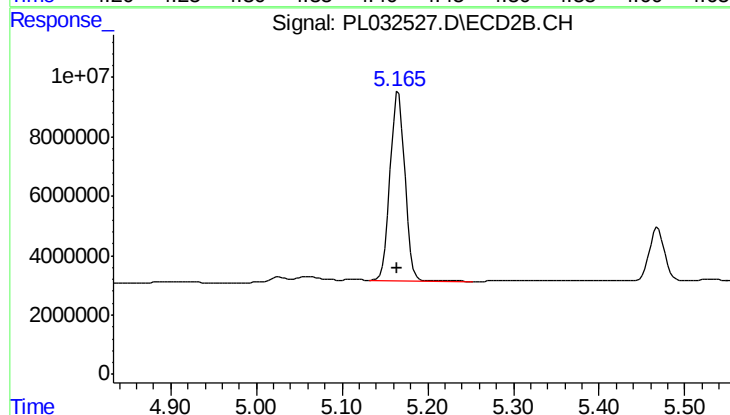
#3 gamma-BHC (Lindane)

R.T.: 4.652 min  
Delta R.T.: 0.001 min  
Response: 239992878  
Conc: 111.72 ng/ml



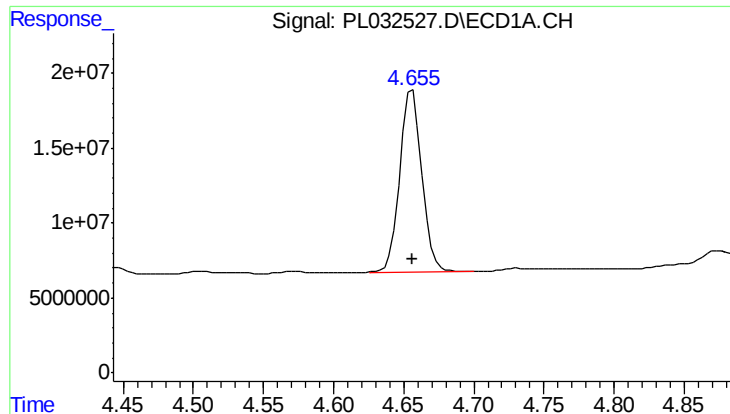
#4 Heptachlor

R.T.: 4.414 min  
Delta R.T.: 0.000 min  
Response: 477868634  
Conc: 36.10 ng/ml



#4 Heptachlor

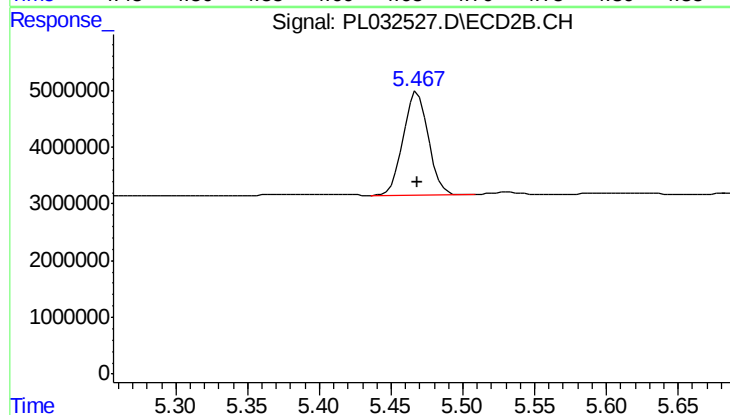
R.T.: 5.166 min  
Delta R.T.: 0.002 min  
Response: 76042576  
Conc: 36.42 ng/ml



#5 Aldrin

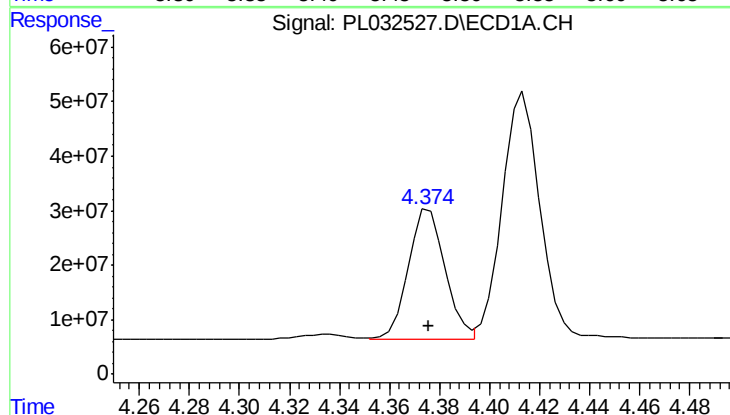
R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 132107710  
Conc: 10.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



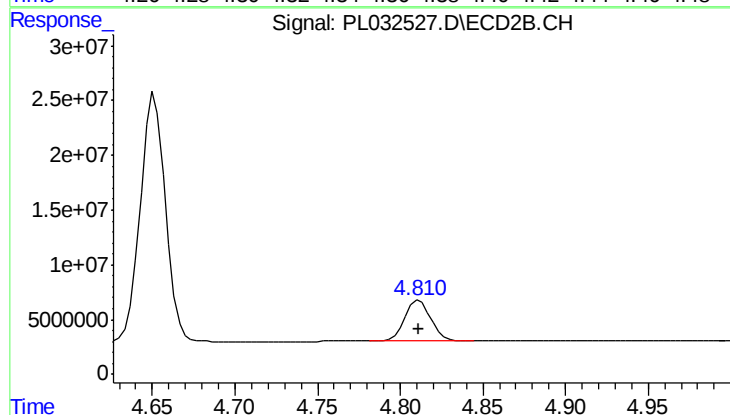
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 22027083  
Conc: 10.52 ng/ml



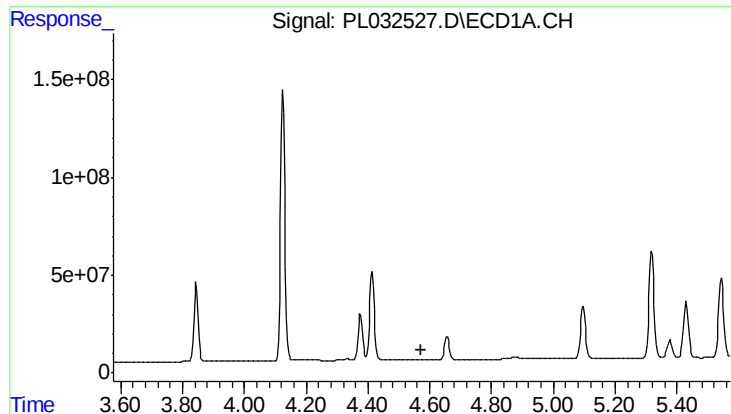
#6 beta-BHC

R.T.: 4.376 min  
Delta R.T.: 0.000 min  
Response: 239912224  
Conc: 42.01 ng/ml



#6 beta-BHC

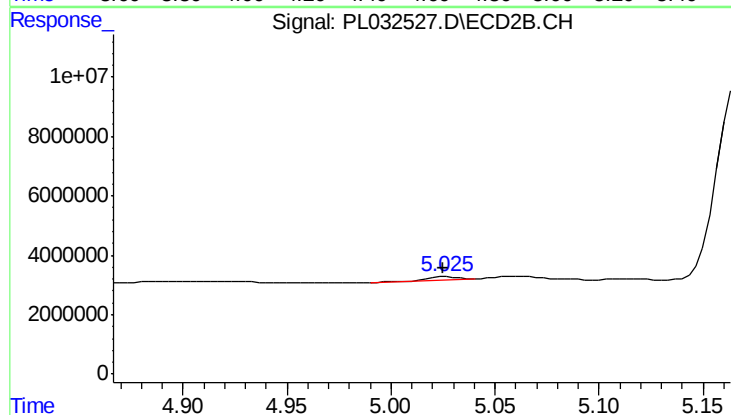
R.T.: 4.812 min  
Delta R.T.: 0.000 min  
Response: 40813904  
Conc: 42.76 ng/ml



#7 delta-BHC

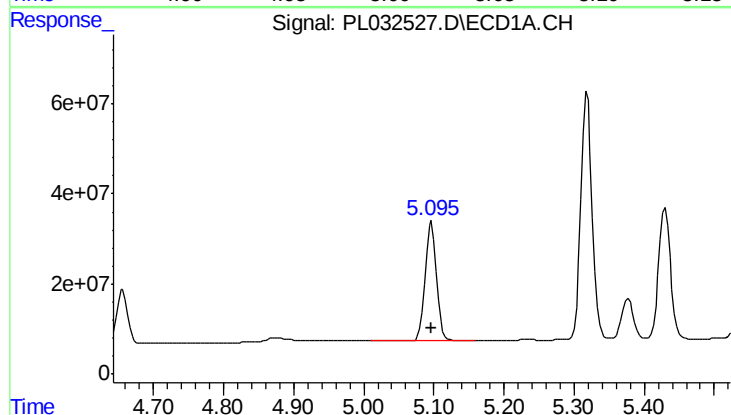
R.T.: 0.000 min  
Exp R.T.: 4.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



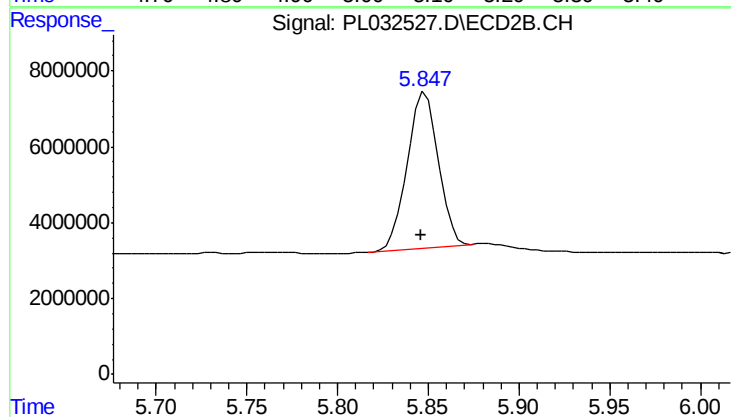
#7 delta-BHC

R.T.: 5.027 min  
Delta R.T.: 0.002 min  
Response: 791289  
Conc: 0.36 ng/ml



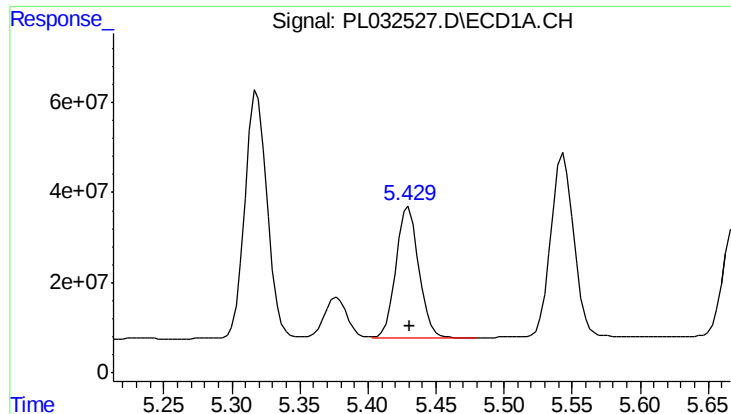
#8 Heptachlor epoxide

R.T.: 5.097 min  
Delta R.T.: 0.000 min  
Response: 297162035  
Conc: 25.11 ng/ml



#8 Heptachlor epoxide

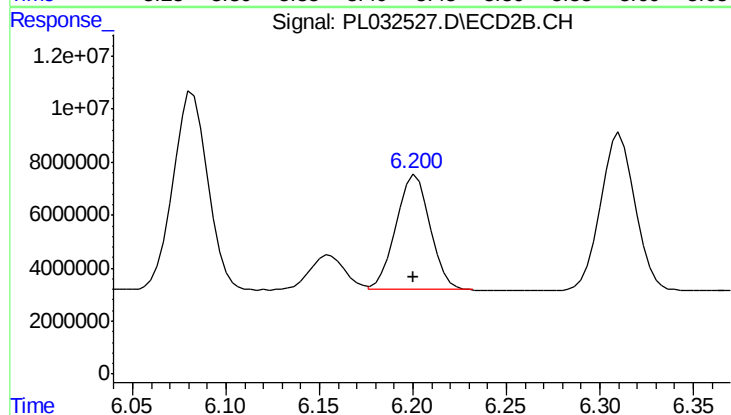
R.T.: 5.848 min  
Delta R.T.: 0.003 min  
Response: 49691125  
Conc: 27.79 ng/ml



#9 Endosulfan I

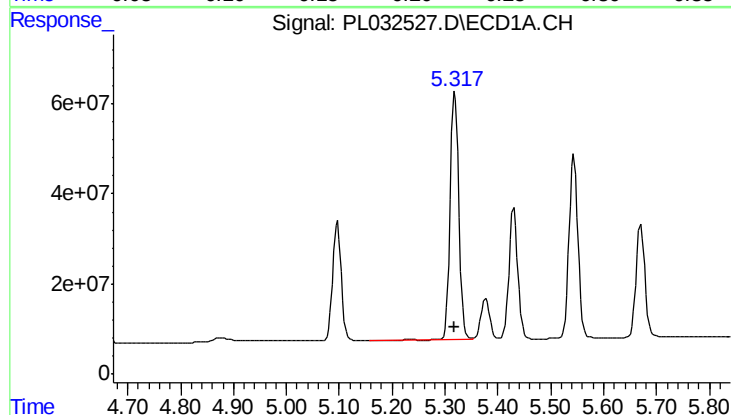
R.T.: 5.430 min  
Delta R.T.: 0.000 min  
Response: 346013224  
Conc: 30.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



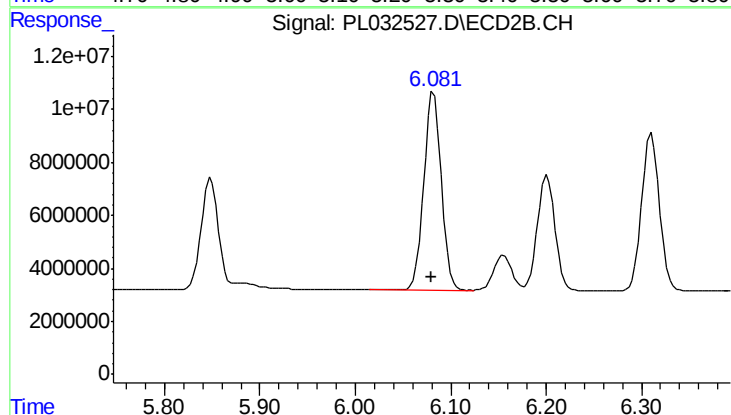
#9 Endosulfan I

R.T.: 6.202 min  
Delta R.T.: 0.001 min  
Response: 55571836  
Conc: 30.80 ng/ml



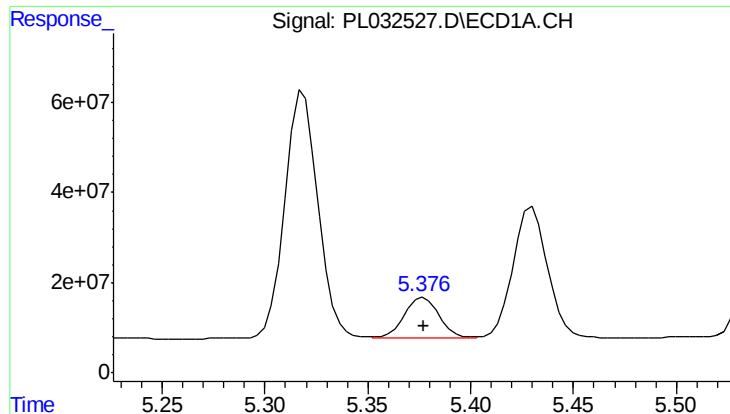
#10 gamma-Chlordane

R.T.: 5.319 min  
Delta R.T.: 0.001 min  
Response: 618257909  
Conc: 47.90 ng/ml



#10 gamma-Chlordane

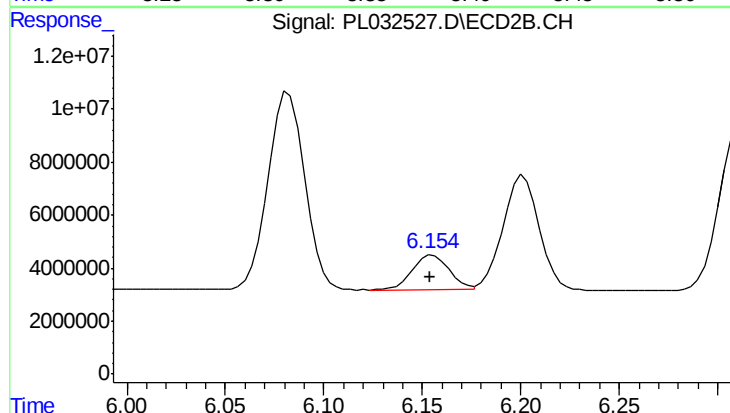
R.T.: 6.082 min  
Delta R.T.: 0.002 min  
Response: 96876495  
Conc: 49.68 ng/ml



#11 alpha-Chlordane

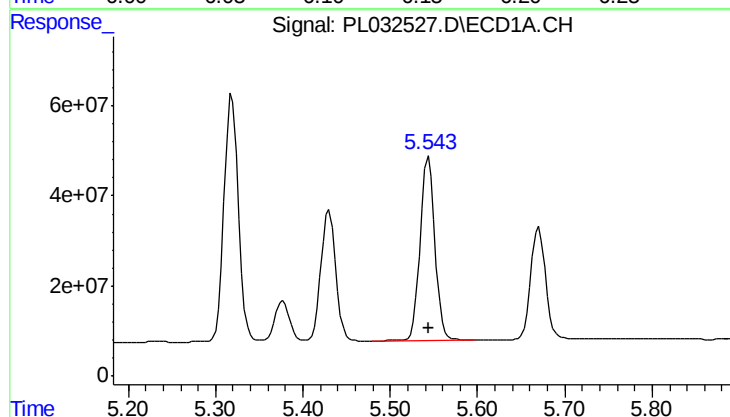
R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 108600849  
Conc: 8.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



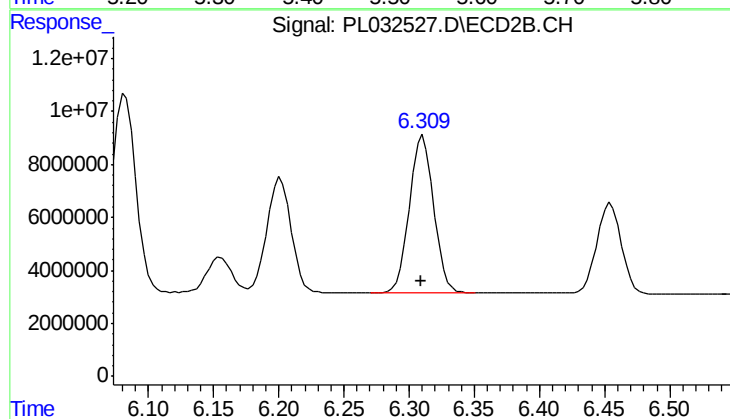
#11 alpha-Chlordane

R.T.: 6.155 min  
Delta R.T.: 0.001 min  
Response: 17242145  
Conc: 9.10 ng/ml



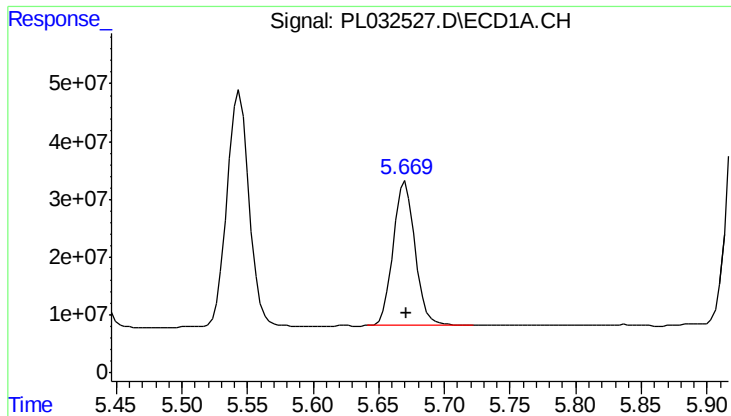
#12 4,4'-DDE

R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 478482532  
Conc: 37.66 ng/ml



#12 4,4'-DDE

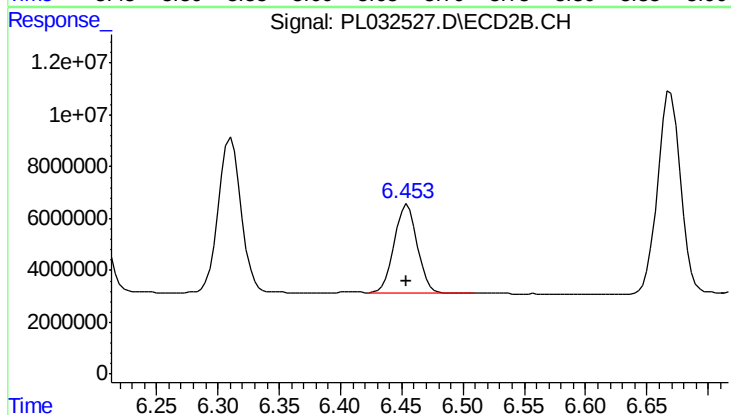
R.T.: 6.311 min  
Delta R.T.: 0.001 min  
Response: 76825806  
Conc: 40.28 ng/ml



#13 Dielddrin

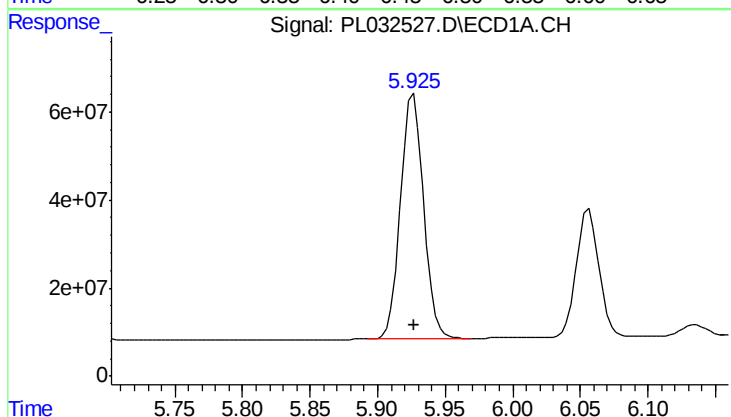
R.T.: 5.670 min  
Delta R.T.: 0.000 min  
Response: 290609619  
Conc: 22.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



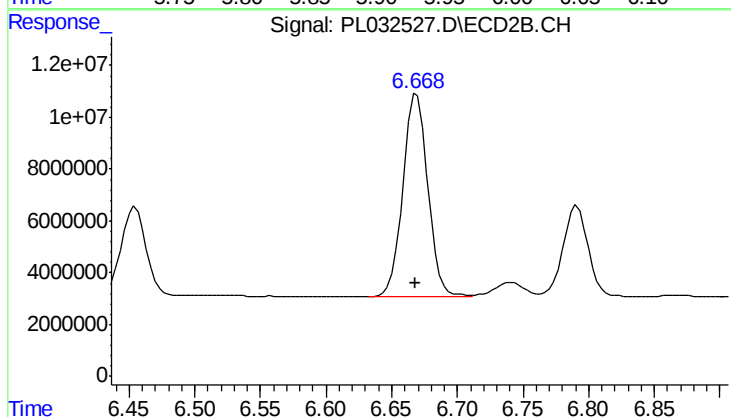
#13 Dielddrin

R.T.: 6.455 min  
Delta R.T.: 0.001 min  
Response: 45070475  
Conc: 23.58 ng/ml



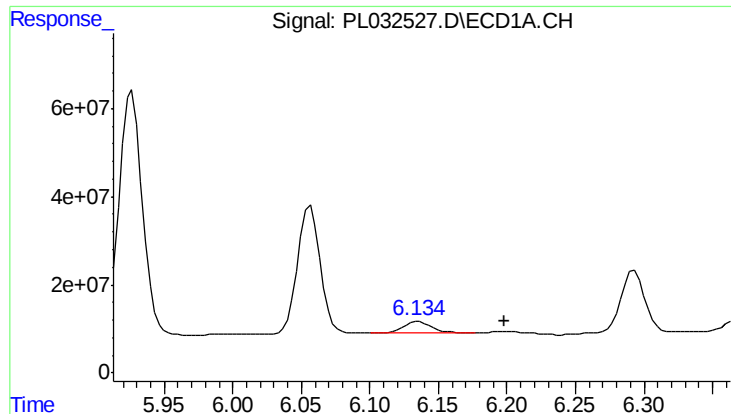
#14 Endrin

R.T.: 5.927 min  
Delta R.T.: 0.000 min  
Response: 664703824  
Conc: 56.92 ng/ml



#14 Endrin

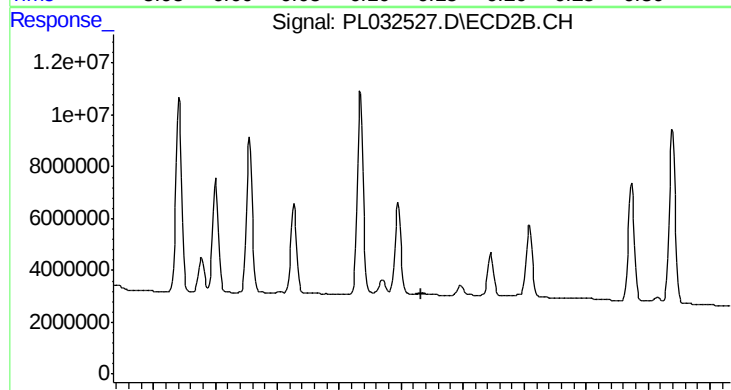
R.T.: 6.669 min  
Delta R.T.: 0.002 min  
Response: 102409868  
Conc: 60.73 ng/ml



#15 Endosulfan II

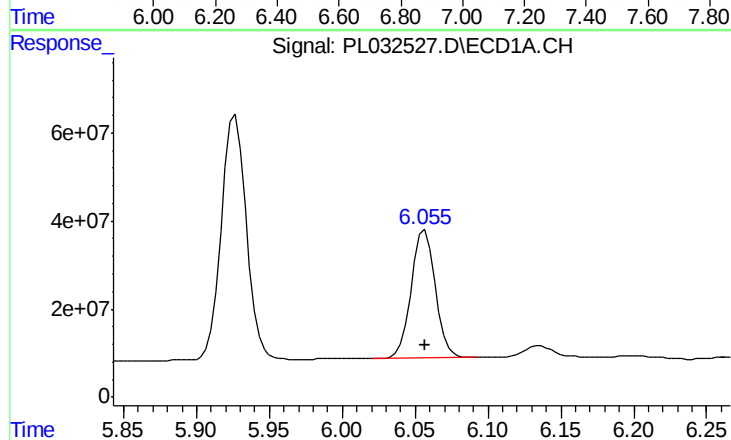
R.T.: 6.135 min  
Delta R.T.: -0.063 min  
Response: 37279708  
Conc: 3.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



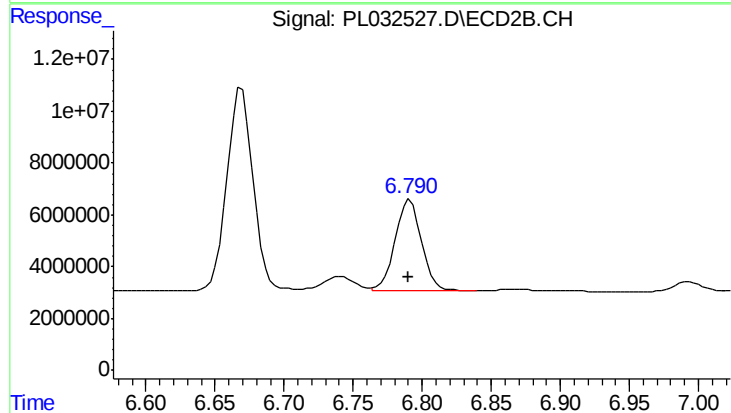
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.



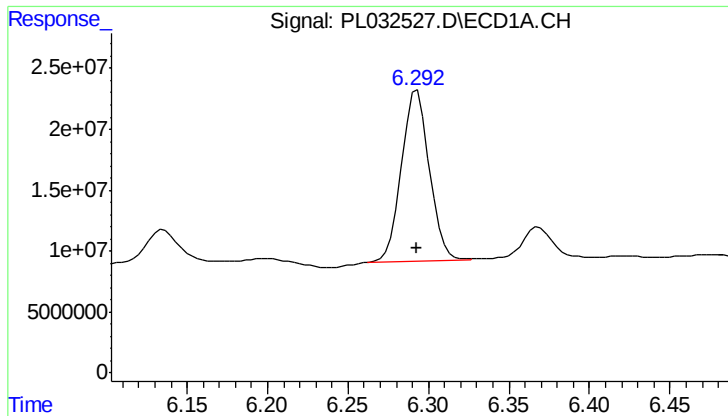
#16 4,4'-DDD

R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 335586574  
Conc: 31.90 ng/ml



#16 4,4'-DDD

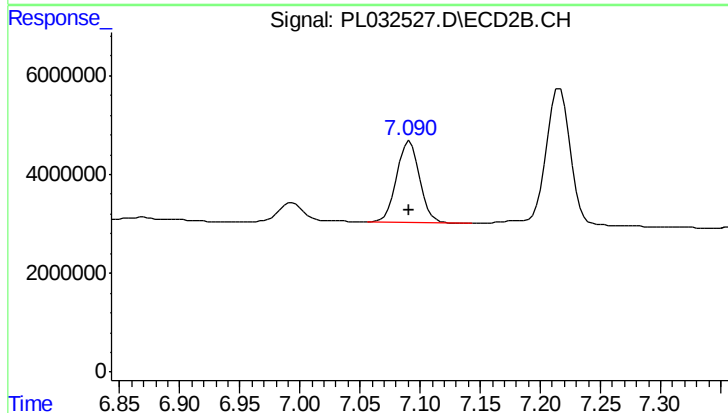
R.T.: 6.791 min  
Delta R.T.: 0.001 min  
Response: 45916825  
Conc: 32.19 ng/ml



#17 4,4'-DDT

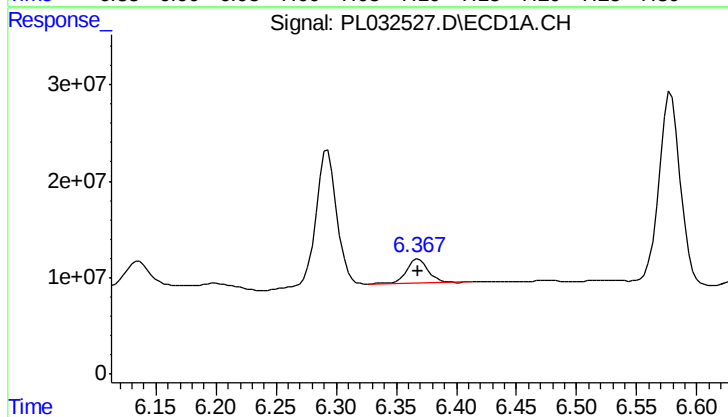
R.T.: 6.293 min  
Delta R.T.: 0.000 min  
Response: 169152534  
Conc: 16.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



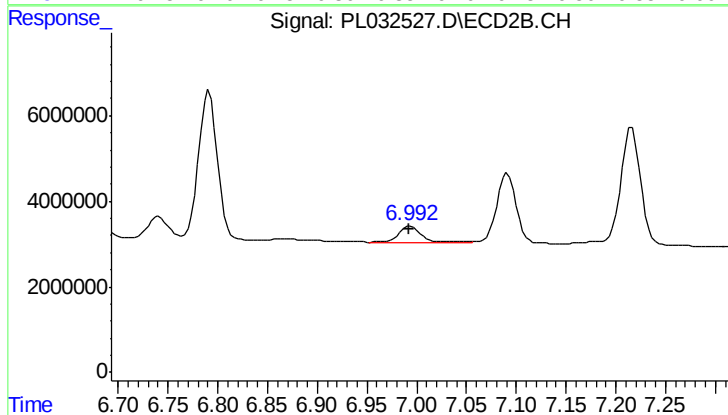
#17 4,4'-DDT

R.T.: 7.091 min  
Delta R.T.: 0.000 min  
Response: 22235216  
Conc: 16.68 ng/ml



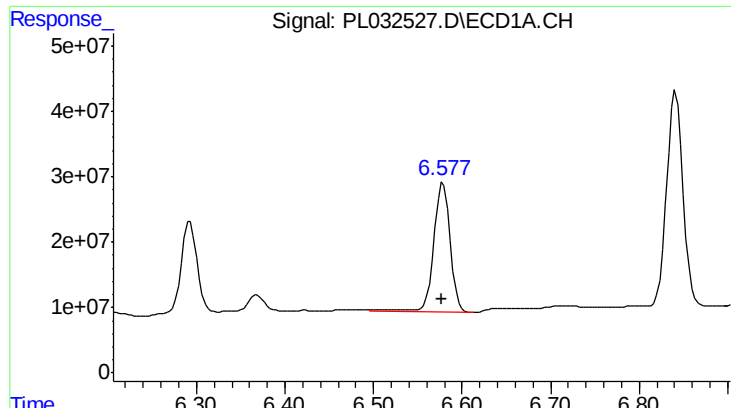
#18 Endrin aldehyde

R.T.: 6.369 min  
Delta R.T.: 0.000 min  
Response: 33713834  
Conc: 3.41 ng/ml



#18 Endrin aldehyde

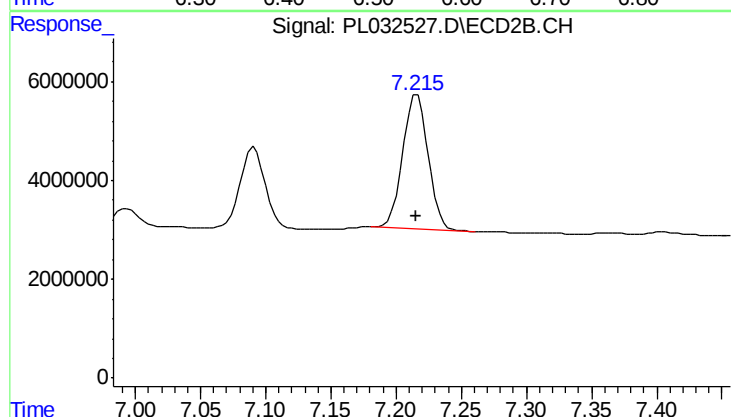
R.T.: 6.994 min  
Delta R.T.: 0.002 min  
Response: 6235845  
Conc: 4.21 ng/ml



#19 Endosulfan Sulfate

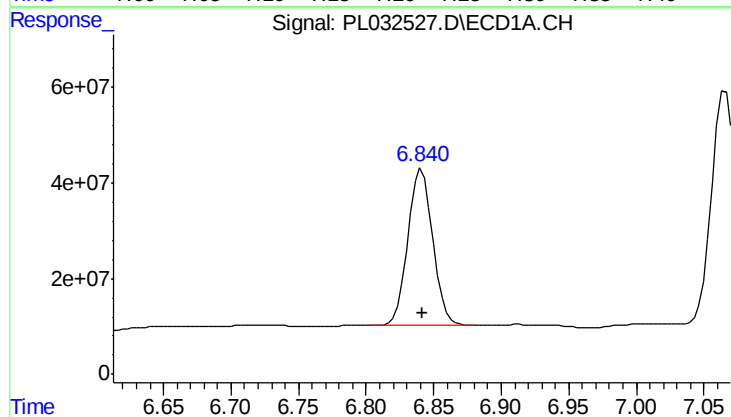
R.T.: 6.579 min  
Delta R.T.: 0.002 min  
Response: 260304616  
Conc: 23.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



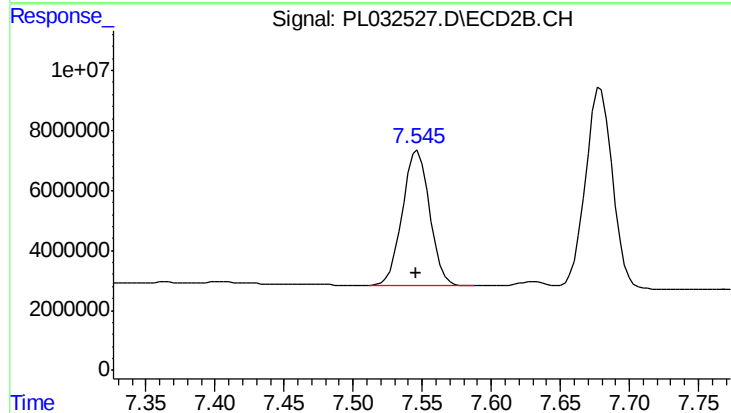
#19 Endosulfan Sulfate

R.T.: 7.216 min  
Delta R.T.: 0.001 min  
Response: 36757452  
Conc: 22.79 ng/ml



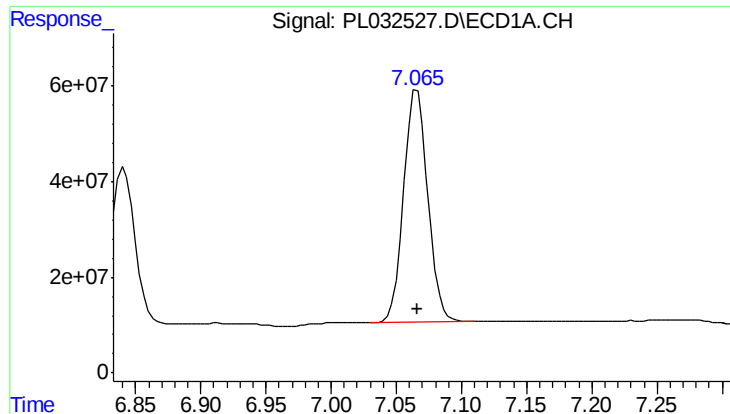
#20 Methoxychlor

R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 420196814  
Conc: 72.32 ng/ml



#20 Methoxychlor

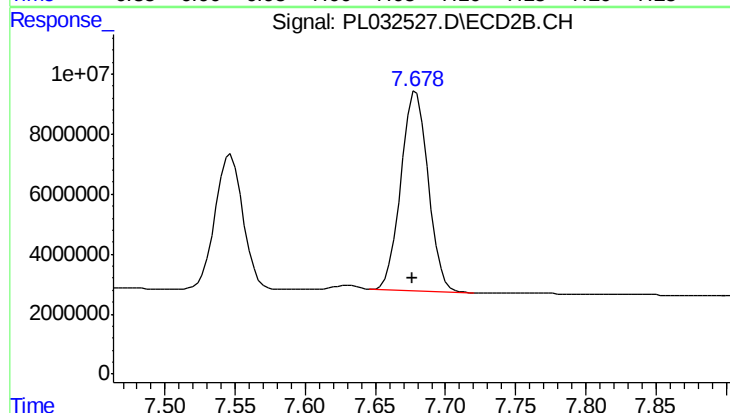
R.T.: 7.547 min  
Delta R.T.: 0.001 min  
Response: 61351060  
Conc: 75.27 ng/ml



#21 Endrin ketone

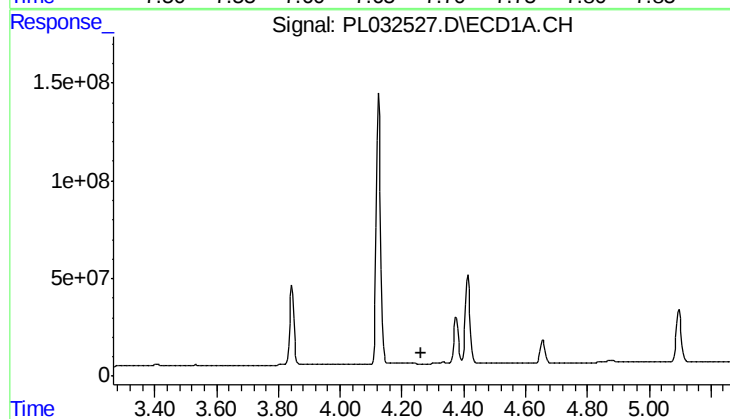
R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 623951216  
Conc: 49.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



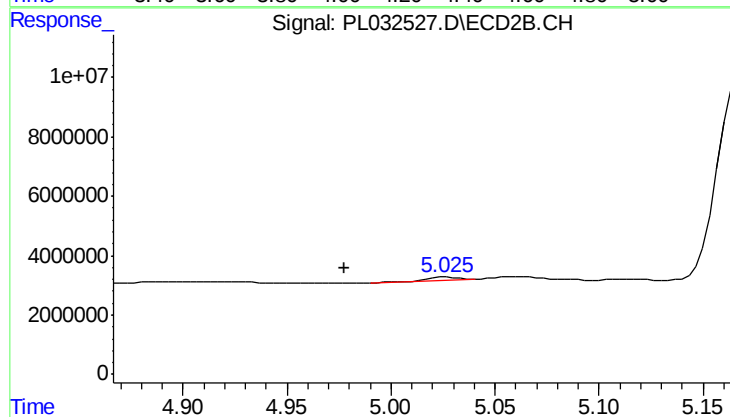
#21 Endrin ketone

R.T.: 7.679 min  
Delta R.T.: 0.003 min  
Response: 89014130  
Conc: 49.29 ng/ml



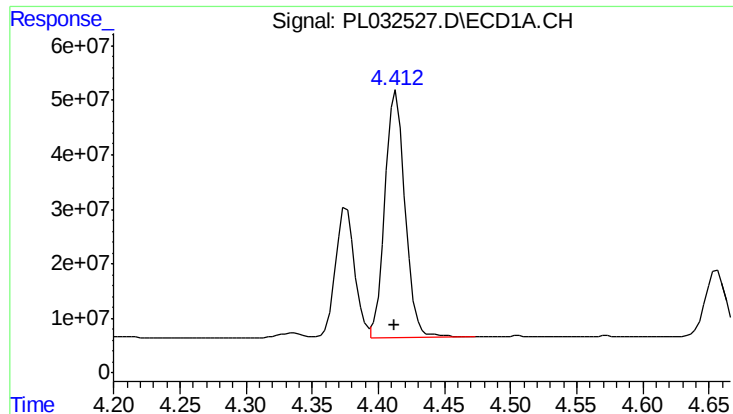
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.263 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

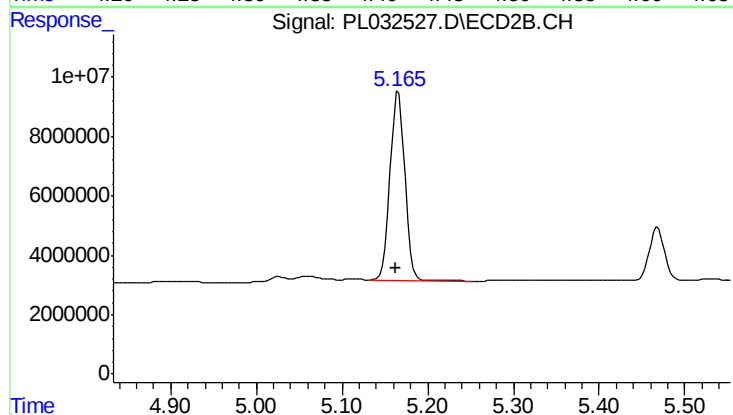
R.T.: 5.027 min  
Delta R.T.: 0.049 min  
Response: 791289  
Conc: 10.23 ng/ml



#24 Chlordane-2

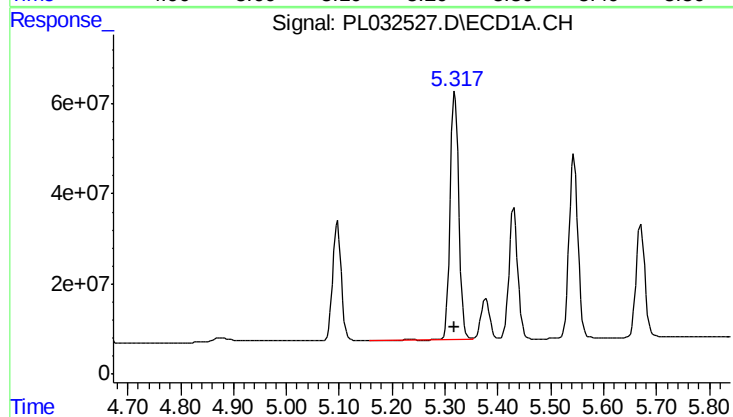
R.T.: 4.414 min  
Delta R.T.: 0.002 min  
Response: 477868634  
Conc: 778.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



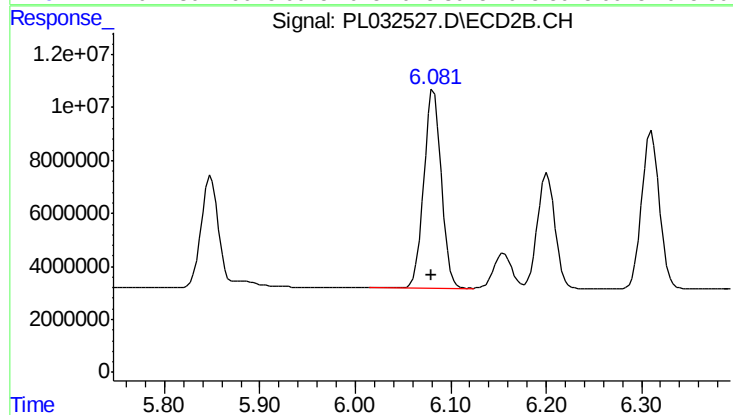
#24 Chlordane-2

R.T.: 5.166 min  
Delta R.T.: 0.003 min  
Response: 76042576  
Conc: 648.00 ng/ml



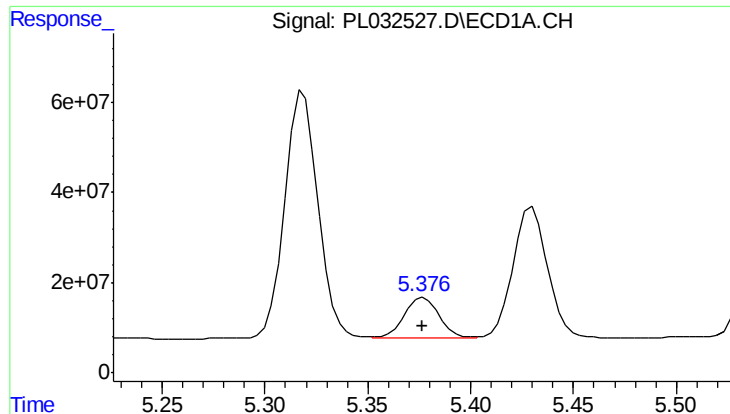
#25 Chlordane-3

R.T.: 5.319 min  
Delta R.T.: 0.000 min  
Response: 618257909  
Conc: 414.21 ng/ml



#25 Chlordane-3

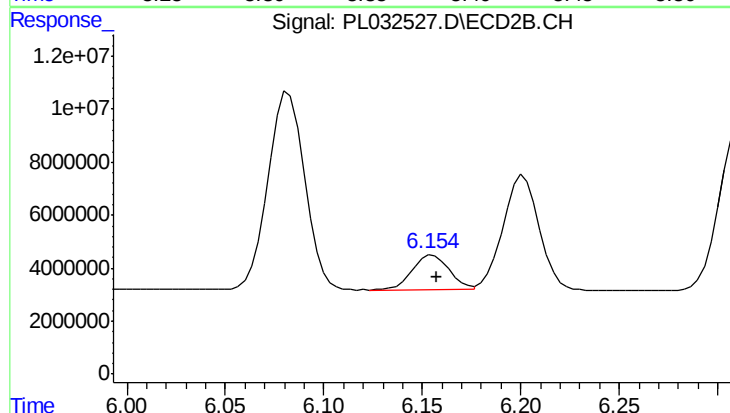
R.T.: 6.082 min  
Delta R.T.: 0.002 min  
Response: 96876495  
Conc: 351.53 ng/ml



#26 Chlordane-4

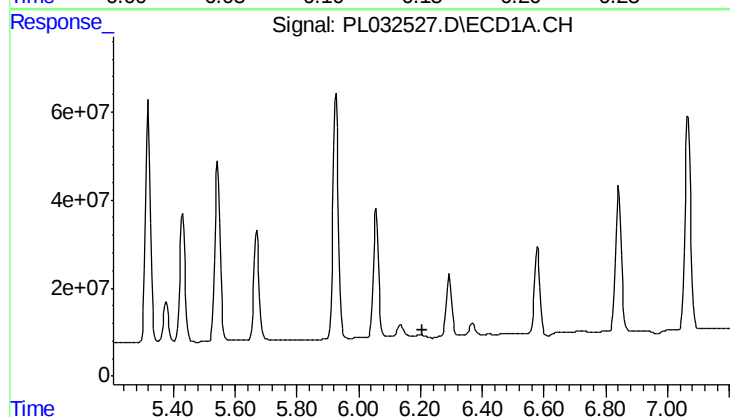
R.T.: 5.377 min  
Delta R.T.: 0.001 min  
Response: 108600849  
Conc: 84.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



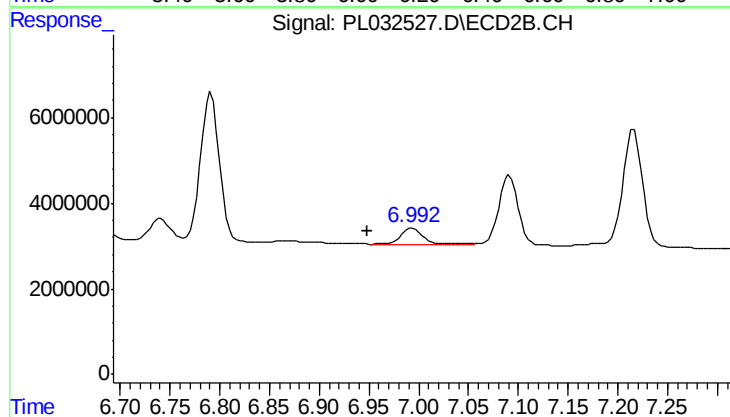
#26 Chlordane-4

R.T.: 6.155 min  
Delta R.T.: -0.002 min  
Response: 17242145  
Conc: 52.78 ng/ml



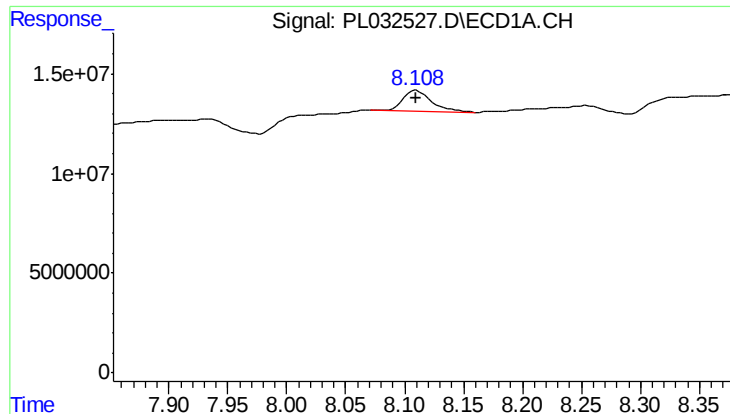
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.206 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

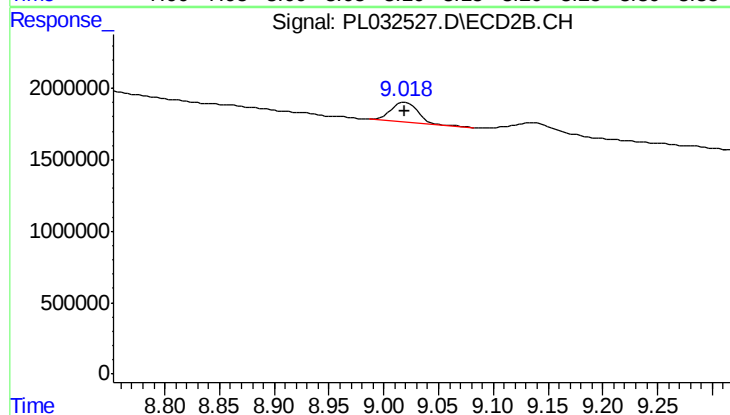
R.T.: 6.994 min  
Delta R.T.: 0.046 min  
Response: 6235845  
Conc: 103.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 17209496  
Conc: 1.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



#28 Decachlorobiphenyl

R.T.: 9.019 min  
Delta R.T.: 0.000 min  
Response: 1643510  
Conc: 0.86 ng/ml